

# SONY

## DSC-WX80/W

### Cyber-shot Digital Camera WX80

Shoot stunning close-ups even in low light with the 16.2MP pocket camera that makes everything easier thanks to 8x optical zoom and built-in Wi-Fi®. Whether you're taking pics, shooting full HD video or sharing them with family and friends, everything happens with the simple push of a button.



### Key Features

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#### 8x optical zoom plus 16x Clear Image Digital Zoom

Get up close with 8x optical zoom plus 16x Clear Image digital zoom. Most digital zooms use electronic cropping to get closer to the subject, resulting in unsharp images. With Clear Image Zoom the powerful processor compares patterns found in adjacent pixels and creates new pixels to match selected patterns, resulting in more realistic, higher-quality images. Clear Image Zoom doubles optical zoom for closer photos.

#### 16.2 Megapixel Back-illuminated Exmor® R CMOS Image Sensor

This camera features a 16.2 megapixel Exmor® R CMOS image sensor that brings out the full resolving power of the camera's Carl Zeiss® Vario Tessar lens to deliver extremely fast speed, high resolution, and stunning low-light sensitivity with improved image clarity and drastically reduced grain. In addition, the combined Exmor® R CMOS sensor and BIONZ® image processor delivers extremely fast up to 10fps, Anti Motion Blur, Hand-held Twilight and 1080i movie modes.

#### WiFi sharing to upload photos and videos

WiFi lets you quickly upload photos and videos to social media sites through your WiFi smartphone or tablet, back them up on a network-connected PC, or view them on a large screen TV.

#### Full HD 1080/60i

Record crystal clear movies at the highest resolution available with capabilities for 60i in 1080 AVCHD™ video.<sup>1</sup> This provides stunning, fast motion video with less distortion for playback on your HD TV.<sup>2</sup> With dual record of stills and movies, you can shoot both at the same time.

#### Optical SteadyShot™ image Stabilization with 2-way Active Mode

Sony's Active Mode image stabilization gives you the freedom to shoot movies even while walking or running<sup>3</sup>. 2-way Active Mode corrects for both vertical and horizontal motion.

#### Enhanced Superior Auto

Enhanced Superior Auto supports scenes with dynamic motion to provide beautiful results even in dark situations. The result is clearer images with less blur.

#### Capture the decisive moment with up to 10fps

Capture full 16.2 megapixel resolution images at up to 10 frames per second, helping to ensure that the decisive moment is captured such as the soccer ball flying into the goal. In addition, a mechanical shutter helps reduce distortion when continuously shooting moving subjects.

#### Picture Effect for more expressive photos

Picture Effect adds a new level of expression to photos, making ordinary landscapes and portraits come to life by heightening mood and emphasizing certain attributes.

#### Beauty Effects

Beauty Effects allows edits to skin tones, skin smoothing, shine removal, eye widening, and teeth whitening. Beauty Effects can be combined to further enhance the image.

#### Intelligent Sweep Panorama™ mode-up to 360°

Intelligent Sweep Panorama mode takes our Sweep Panorama function to the next level with the addition of motion compensation. Even when subjects are moving in the foreground of your landscape, these cameras can detect faces and moving subjects, intelligently stitching different widths together to minimize distortion. Simply press the shutter button and sweep the camera in the desired direction and the camera continuously shoots at a high speed, then seamlessly stitches the images together with automatic position adjustment to create one stunning panoramic image. Available in wide and up to 360° full circle, the camera can take a variety of panoramic shots.

## Specifications

Camera	
Camera Type	Compact zoom digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" Exmor® R CMOS sensor
Processor	BIONZ®
Pixel Gross	16.8 MP
Effective Picture Resolution	16.2 MP
Color Filter System	RGB primary color filters
Recording	
Media Type	optional "Memory Stick Duo" (No movie recording), optional "Memory Stick PRO Duo" (Mark 2 only for movie recording), optional "Memory Stick PRO-HG Duo", optional SD Memory Card (Class 4 or higher), optional SDHC Memory Card (Class 4 or higher)
Still Image Max Effective Resolution	Approx. 16.2 Megapixels
Still Image Size 16:9	16:9 mode: 12M (4,608 x 2,592) / 2M (1,920 x 1,080)
Still Image Size 4:3	4:3 mode: 16M (4,608 x 3,456) / 10M (3,648 x 2,736) / 5M (2,592 x 1,944) / VGA
Panorama Still Image Size	Sweep Panorama: 360 (11,520 x 1,080) / HR (10,480x4,096) / Wide (7,152 x 1,080 / 4,912 x 1,920) / Standard (4,912 x 1,080 / 3,424 x 1,920)
Video Format	AVCHD Ver2.0 / MP4
Video Mode	AVCHD 60i: 24M FX / 17M FH (1,920x1,080/60i) / 9M HQ (1,440x1,080/60i), MP4: 12M (1,440x1,080/30fps) / 6M (1,280x720/30fps) /3M VGA (640x480/30fps)
Dual Record	Yes
Audio Format	AC3 (Stereo)
Microphone/Speaker	Stereo / Mono
Wind Noise Reduction	Off / On
Optics/Lens	
Lens Type	Carl Zeiss® Vario-Tessar®
Aperture	iAuto (F3.3 / F8.0 (W), 2 steps with ND Filter) / Program Auto (F3.3 / F8.0 (W), 2 steps with ND Filter)
Optical Zoom	8x
Digital Zoom	32
Focal Length (35mm equivalent)	Movie 4:3 34-272mm (SteadyShot Standard), 34-381mm (SteadyShot Active) / Still 16:9 28-224mm / Still Image 4:3 25-200mm / Movie 16:9 28-224mm (SteadyShot Standard), 28-314mm (SteadyShot Active)
Lens Construction	8 elements in 7 groups (including 5 aspheric elements)
Minimum Focus Distance	iAuto: AF (W: Approx. 5cm (0.16') to Infinity, T: Approx. 150cm (4.92') to Infinity) / Program Auto: AF (W: Approx. 5cm (0.16') to Infinity, T: Approx. 150cm (4.92') to Infinity)
Steady Shot Mode:Active	Yes
LCD Display	
LCD Type	2.7" ClearPhoto™ LCD (230K dots)
Brightness Control	5 (Bright) / 4 / 3 / 2 / 1 (Dark)
Histogram	Yes (On/Off)
Grid Display	Yes (On/Off)
Focus Control	
AF Modes	Multi Point AF /Center Weighted AF / Spot AF / Tracking Focus / Face Tracking Focus
AF Illuminator	Auto / Off
Exposure System	

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Metering Modes	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
Scene Mode(s)	High Sensitivity / Soft snap / Soft Skin / Landscape / Night Portrait / Night Scene / Handheld Twilight / Gourmet / Beach / Snow / Fireworks / Pet mode / Anti-motion blur / Backlight Correction HDR
ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400*4 / 12800*4
White Balance Mode	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push, One Push Set
Drive System	
Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto (4" - 1/1600) / Program Auto (1" - 1/1600)
Burst Mode	Approx. 10 fps at 16.2MP (for up to 10 shots)
Flash	
Flash Modes	Auto / Flash On / Slow Synchro / Flash Off / Advanced Flash
Flash Coverage	ISO Auto: Approx. 0.2m to 4.2m (7 7/8 inches to 13feet 9 3/8 inches)(W) / Approx. 1.5m to 2.2 m (4feet 11 1/8 inches to 7feet 2 5/8 inches)(T), ISO3200: up to Approx. 5.9m (19feet 4 3/8 inches)(W) / Approx. 3.1m (10feet 2 1/8 inches)(T)
Convenience Features	
Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD Protect: Single / Select / Date / Folder / AVCHD
Power Save Mode	Standard / Max / Off
Advanced Features	
Sweep Panorama	Intelligent Sweep Panorama, Intelligent Sweep Panorama (360)
Face Detection	8 faces
Image Stabilization	Optical SteadyShot™ Image Stabilization with Active Mode
In-Camera Editing	Trimming / Unsharp Masking / Date view
Intelligent Auto	Yes
Shooting Tips	Yes
Wi-Fi	Yes
Background Defocus	Yes
Superior Auto	Yes
Tracking Focus	Off / Auto
Blink Detection	Yes
Priority Setting (for Face Detection)	Auto / Off / Child Priority / Adult Priority
Interface	
Memory Card Slot	MS Duo and SD/SDHC/SDXC compatible
HD Output	Micro HDMI
USB Port(s)	Hi-Speed USB (USB2.0)
Weights and Measurements	
Dimensions (Approx.)	W x H x D: 3 3/4" x 2 1/8" x 29/32" (92.3mm x 52.5mm x 22.5mm)
Weight (Approx.)	4.4oz. (124g)
Weight(Approx) (Main unit only)	3.8oz. (108g)
Power	
Battery Type	LITHIUM ION NP-BN 3.6V
Battery Capacity	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Power Consumption (in Operation)	Approx. 1.0W
Power Requirements	AC 100V to 240V, 50/60 Hz, 70mA
Accessories	



Supplied Accessories

- Battery (NP-BN)
- AC Adaptor (ACUP10C)
- Micro USB Cable
- Wrist Strap
- Instruction Manual

1. Records in 29 minute segments  
2. Requires HDTV and HDMI cable sold separately  
3. Combined with electronic stabilization  
4. Achieved by using "By Pixel Super Resolution" technology and overlay burst shooting.  
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